



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



2016-17 Course Catalog

Be Ready - Train CSTI





Welcome to the California Specialized Training Institute (CSTI). Under the reorganization of Cal OES, CSTI has evolved into a statewide enterprise with responsibility for supporting training, exercises, and education in a wide variety of areas including, but not limited to, emergency management; public safety; homeland security; hazardous materials; disaster recovery and crisis communications. CSTI is no longer defined by just the San Luis Obispo campus you may be familiar with, but is developing into a more holistic resource to better support your needs, whether you are a governmental, non-profit or private sector organization.

As we move forward, you will see CSTI further develop its capabilities to support by utilizing collaboration, leveraging of funding and resources, partnerships, relevant technology, current information and subject matter expertise in order to enhance capabilities at the individual, organizational, agency and jurisdictional level, whether you participate online, at one of our locations or your own facility.

Our focus is on helping you by providing the best possible solutions in training, exercises and education with an eye on building capabilities, utilizing an all hazards and total resource approach.

Your comments and suggestions are welcome. Please feel free to contact us at: CSTIsuperintendent@CalOES.ca.gov or by calling (805) 549-3535.

Sincerely,

Alex Cabassa
Assistant Director, Cal OES
Superintendent, California Specialized Training Institute

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Santa Luisa Del Mar

A fictional city that has seen more disasters in the course of 24 years than any place on earth.

Conceived in 1992 by instructors at CSTI, Santa Luisa Del Mar (SLUDMAR) was created to give students attending CSTI's emergency management courses a realistic local in which to practice their newly learned skills.

The city's layout was the creation of Joe Costello, "Mr. Earthquake," and was based on a stretched map version of Santa Barbara, with a peninsula reminiscent of Newport Beach's Balboa Peninsula. With the addition of key elements, like a peninsula and a large dam, the idea took shape. Next they added key pieces of information about the city, like how many fire hoses the local fire station has, or what the water capacity of the dam is. From that information they were able to create realistic training scenarios that enhanced the training at CSTI.

The information about the city is contained in a SLUDMAR directory. Throughout the years the directory, and information/layout of the city has grown and evolved into what it is today.

If you've trained at CSTI, you're familiar with SLUDMAR. This catalog pays homage to the years of work and research done by the dedicated staff of CSTI who created a city that has helped to safe countless lives over the years by providing real world exercise based training to countless first responders and emergency personnel,

Throughout the catalog you will notice references to SLUDMAR, and colorful graphics. The images are pulled from an original color watercolor (facing page), created by Leonard Smith, long before computers for graphic creation were the norm.

It was attention to detail like this that has helped CSTI become one of the great emergency management, hazardous materials and criminal justice training enterprises in the United States.

If you get the chance visit Santa Luisa Del Mar, you won't be disappointed.

Be Ready - Train CSTI



CSTI was formed under the CNG in 1971 to provide specialized training to law enforcement officers. CSTI was established at CSLO to provide military-type training applied to handling civil disturbances. This included both classroom and field tactical training. Over the years, the training offered at CSTI expanded to cover other types of emergencies (e.g., earthquake, terrorism) and a broader audience (e.g., emergency managers, fire, public works, administration, schools, etc.). As CSTI expanded to a more comprehensive training audience and to “all hazards” emergency management, it was determined that CSTI should be transferred from oversight by the CNG to OES. This transfer occurred in 1985 and the training institute remained at CSLO. In 1987 CSTI was given the responsibility to develop and deliver standardized training for hazardous materials responders.

Title 2. Government of the State of California, Division 1. General, Chapter 7. California Emergency Services Act:

Pursuant to Government Code Sections (a)(b), California Governor’s Office of Emergency Services through California Specialized Training Institute (CSTI) is responsible for training “state agencies, cities and counties...” to “... minimize the impacts of disasters and other massive emergencies...” This includes training emergency responders and managers for response to terrorism events.

8588.3 (a)

The Legislature finds and declares that it is the responsibility of the State of California to protect and preserve the right of its citizens to a safe and peaceful existence. To accomplish this goal and to minimize the destructive impact of disasters and other massive emergencies, the actions of numerous public agencies must be coordinated to effectively manage all four phases of emergency activity: preparedness, mitigation, response and recovery. In order to ensure that the state’s response to disasters or massive emergencies is effective, specialized training is necessary.

8588.3 (b)

The California Specialized Training Institute of the Office of the Adjutant General is hereby transferred to the agency. The institute shall assist the Governor in providing, pursuant to subdivision (f) of Section 8570, training to state agencies, cities and counties in their planning and preparation for disasters.





The California Governor’s Office of Emergency Services (Cal OES) is responsible for the coordination of overall state agency response to major disasters in support of local government. Cal OES is responsible for assuring the state’s readiness to respond to and recover from all hazards – natural or human-caused emergencies and disasters and for assisting local governments in their emergency preparedness, response, recovery, and hazard mitigation efforts.

The California Specialized Training Institute (CSTI) continues to be the premier training venue in the State of California for the training of public, private and tribal firefighters, police officers, and emergency management personnel. The institution is staffed by instructors who are recognized as some of the nation’s foremost experts in emergency management, counter terrorism, hazardous materials, criminal justice and crisis communications. Time spent training at CSTI will significantly enhance participants’ emergency response

skills in their local community. CSTI is committed to protecting the lives of the residents of California, and ensuring the safety of all within our communities.

Hazardous Materials Program

CSTI is one of the nation’s premier institutions in the area of hazardous materials response training and education. Government Code §8574.20(e) requires CSTI to provide a single coordinated standardized curriculum, and to train and certify hazardous materials outreach instructors. There are currently 2,000+ instructors certified under CSTI’s outreach program.

CSTI’s Hazardous Materials courses are comprehensive, and exceed national training standards in the field of hazardous materials response training. Standards for the hazardous materials training program are found both in US Occupational Safety and Health Administration, Hazardous Materials Code 29 CFR 1910.120(q)(6)(iii) and California Code of Regulations Title 19 CCR (2510-2560). Over 280,000 responders have graduated from CSTI courses since the program began in 1989.

Emergency Management/Homeland Security Program

CSTI provides training in all phases of emergency management/homeland security: prevention, protection, mitigation, response, and recovery. Additionally, CSTI offers specialized training in crisis communications, exercise design, and emergency planning for schools. Our emergency management curriculum covers the full spectrum of hazards including: earthquakes, floods, fires, severe weather, tsunamis, hazardous materials, and terrorism. Our homeland security courses are provided by our federal training partners, to include: Federal Emergency Management Agency (FEMA) Emergency Management Institute (EMI), Center for Domestic Preparedness, Texas Engineering, Counter Terrorism Operations, Louisiana State University, and New Mexico Tech, National Disaster Preparedness Center and over 15 additional centers of excellence.

Criminal Justice Program

Quality training is essential to maintain a high level of service by law enforcement officers to the citizens of California. CSTI has provided both field and management law enforcement training for over 20 years. Several CSTI courses focus on providing the line officer and supervisor with contemporary tactical training to enhance the personal safety and effectiveness of overall public safety.

***Course descriptions beginning page 35.**



Exercise Operations

CSTI advocates a well proven, holistic approach, to exercise design, conduct, and evaluation. CSTI believes exercises are capability based opportunities to validate and critically evaluate plans, policies and procedures in order to promote readiness and continual improvement.

Exercise Program Mission

Support building of capabilities to respond and recover from incidents. CSTI supports state agencies, local and tribal governments, non-governmental organizations and the private sector.

Conduct and manage a statewide exercise series (Capstone California) based on catastrophic plans scenarios.

Develop and oversee the conduct of the Cal OES Exercise Plan.

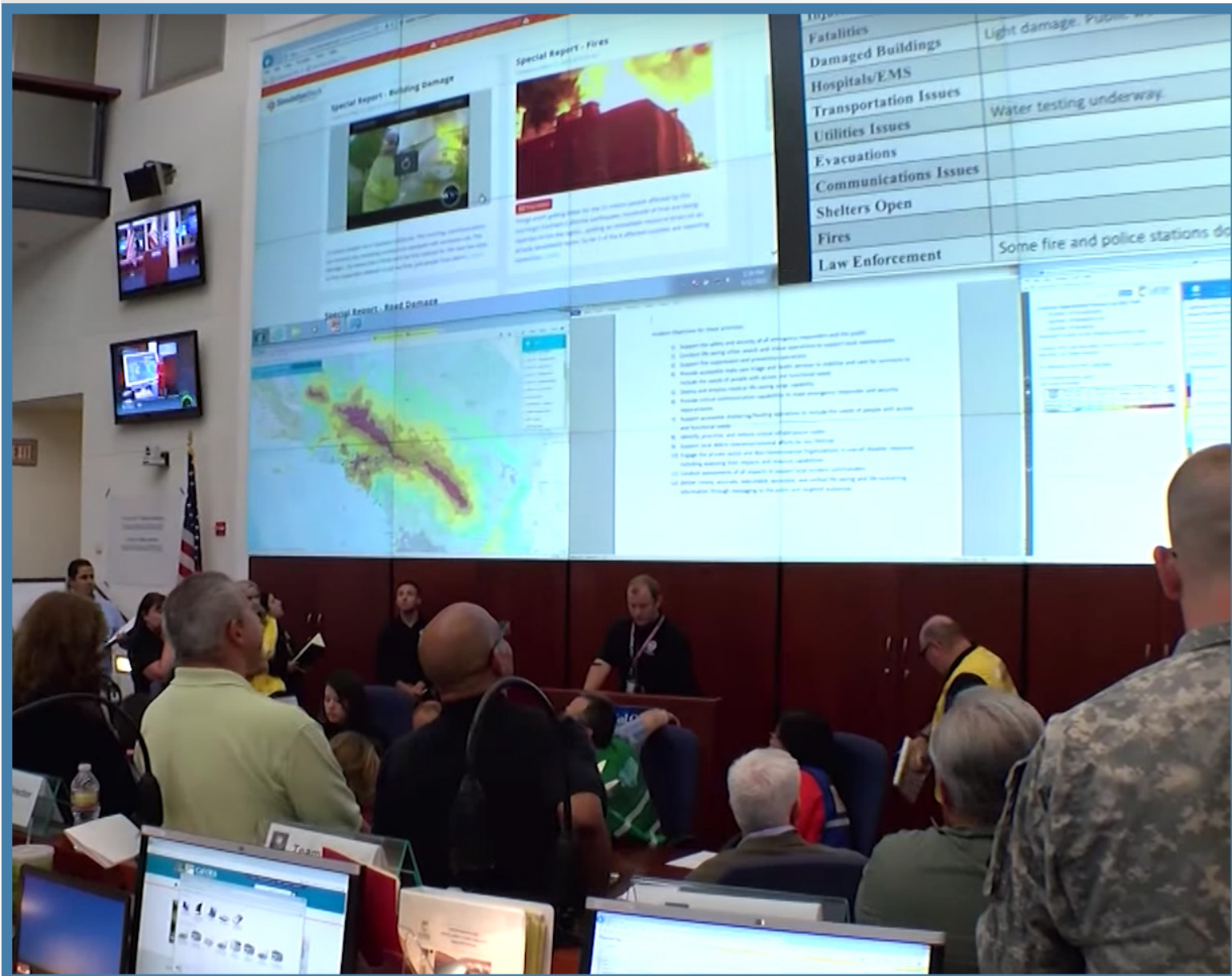
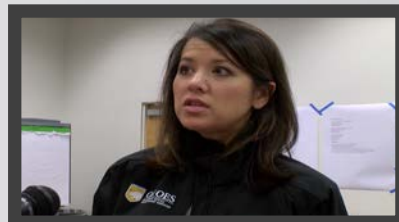
Conduct an annual Cal OES Training and Exercise Planning Workshop (TEPW) and produce a Multi-Year Training and Exercise Plan (MYTEP).

Promote the use of national and state standards within California.

Promote the “Train the Trainer” concept to help customers become self-sufficient.

Provide value added, seamless, supplemental exercise support to the California consumers.

For information or questions about the exercise program contact **Dan Shemenski** at: **Daniel.Shemenski@CalOES.ca.gov**



Hazardous Materials Program

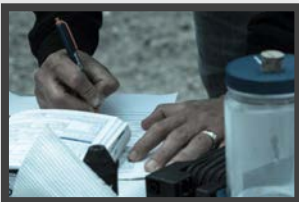




COURSES

- Advanced Environmental Crimes Training Program (AECTP)
- Computer-Aided Management of Emergency Operations (CAMEO) - PER-229
- Field Identification of Unknown Materials (FIUM)
- First Responder Awareness (FRA) - CA-016-RESP
- First Responder Operations (FRO) - CA-017-RESP
- First Responder Operations Decon (FROD) - CA-023-RESP
- Haz Mat Incident Commander Refresher (HICR)
- Haz Mat Technician Module "A" (HTA) - CA-12-RESP
- Haz Mat Technician Module "B" (HTB) - CA-12-RESP
- Haz Mat Technician Module "C" (HTC) - CA-13-RESP
- Haz Mat Technician Module "D" (HTD) - CA-13-RESP
- Haz Mat Specialist Module "F" (HSF) - CA-014-RESP
- Haz Mat Specialist Module "G" (HSG) - CA-014-RESP
- Haz Mat Investigations (HMI)
- Haz Mat Technician For Private Industry (HMTPI)
- Haz Mat Technical Reference Specialist (HTREF)
- Haz Mat Technician/Specialist Refresher (HTECR)
- Haz Mat Assistant Safety Officer (HASO) CA-006-PROT
- Haz Mat Incident Commander 16 (HINCC) - CA-037-RESPHM
- Haz Mat Instructor Certification (HINSTC)
- Haz Mat Instructor Certification for Trainers (HINSTT) - CA-027-RESP
- Hospital First Receiver: Awareness, Operations and Decon (HOSFR) - CA-018-RESP
- Mass Casualty Decontamination (MSD)
- Rail Car Safety (HRS)
- Terrorism Response for the Technician and Specialist (TRTS)

***Course descriptions beginning page 35.**



Hazardous Materials Outreach Program



The Hazardous Materials Outreach Program (Outreach) was established in 1986 from the LaFollett Bill AB 2702 and was implemented in 1987. The Hazardous Materials Instructor Certification Program was created to expand hazardous materials emergency response training throughout California. Since then, over 2000+ hazardous materials outreach instructors and 413,445 emergency personnel have been certified under this program. The primary emphasis of the program is to provide emergency response agencies with a cost effective method to train their trainers to deliver standard hazardous materials training in the field for state certification.



The basic intent of the Outreach Program is to establish a “single coordinated and standardized” program of hazardous materials training courses. CSTI’s Outreach Program and Outreach courses meet and exceed OSHA mandated training requirements and has become the recognized “Standard of Care”.

The following hazardous materials courses through the Outreach program may be taught by a CSTI certified outreach instructor. For a list of requirements to become a certified instructor, contact the Outreach Coordinator at HMO outreach@CalOES.ca.gov

Available Courses Include:

- First Responder Awareness (FRA) - CA-016-RESP
- First Responder Operations (FRO) - CA-017-RESP
- First Responder Operations Decon (FROD) - CA-023-RESP
- First Responder Operations Law Enforcement Field Support
- Haz Mat Incident Commander Refresher (HICR)
- Haz Mat Technician Module “A” (HTA) - CA-12-RESP
- Haz Mat Technician Module “B” (HTB) - CA-12-RESP
- Haz Mat Technician Module “C” (HTC) - CA-13-RESP
- Haz Mat Technician Module “D” (HTD) - CA-13-RESP
- Haz Mat Investigations (HMI)
- Haz Mat Assistant Safety Officer (HASO) CA-006-PROT
- Hospital First Receiver: Awareness, Operations and Decon (HOSFR) - CA-018-RESP
- Specialist Module “F”
- Specialist Module “G” - Advanced Field Operations
- Terrorism Response for the Technician and Specialist (TRTS)

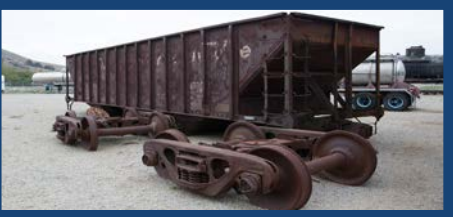
***Course descriptions beginning page 35.**



CSTI San Luis Obispo Field Training Facility



CSTI's Hazardous Materials Field Training Facility is equipped to demonstrate a variety of hazardous materials problems encountered in the field. The site includes a rail car with five different rail domes plumbed with air, water and liquid nitrogen to simulate chemical leaks, a simulated thirteen rail car derailment with functional leaks and a room with complex industrial piping plumbed with a variety of leaks. Other equipment available for training needs are multiple cylinders including: 150 lb and 1 ton containers plumbed with leaks, a variety of highway cargo tanks with leaks, an overturned MC 306 gasoline tanker set up for stinger operations, intermediate size tanks found at fixed facilities and a wide variety of miscellaneous drums and cylinders. Most importantly, this site allows for a wide variety of hazardous materials problems encountered in the field designed to leak at actual field pressures.







COURSES

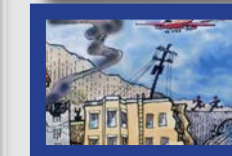
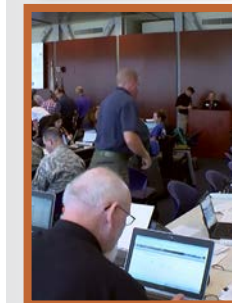
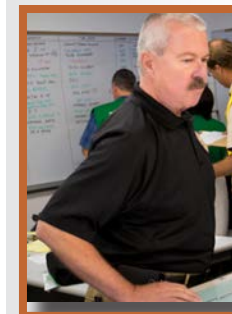
- Advanced Public Information Officer (L0388)
- Basic Public Information Officer (G290) - DHS-011-RESP
- Community Mass Care and Emergency Assistance (G108)
- Disaster Mitigation (G393)
- Disaster Recovery (G270.4)
- Emergency Management for Business and Industry (EMBI)
- Emergency Planning (G235)
- Enhanced Exercise Design, Conduct, and Evaluation (EEDCE) CA-017-PREV

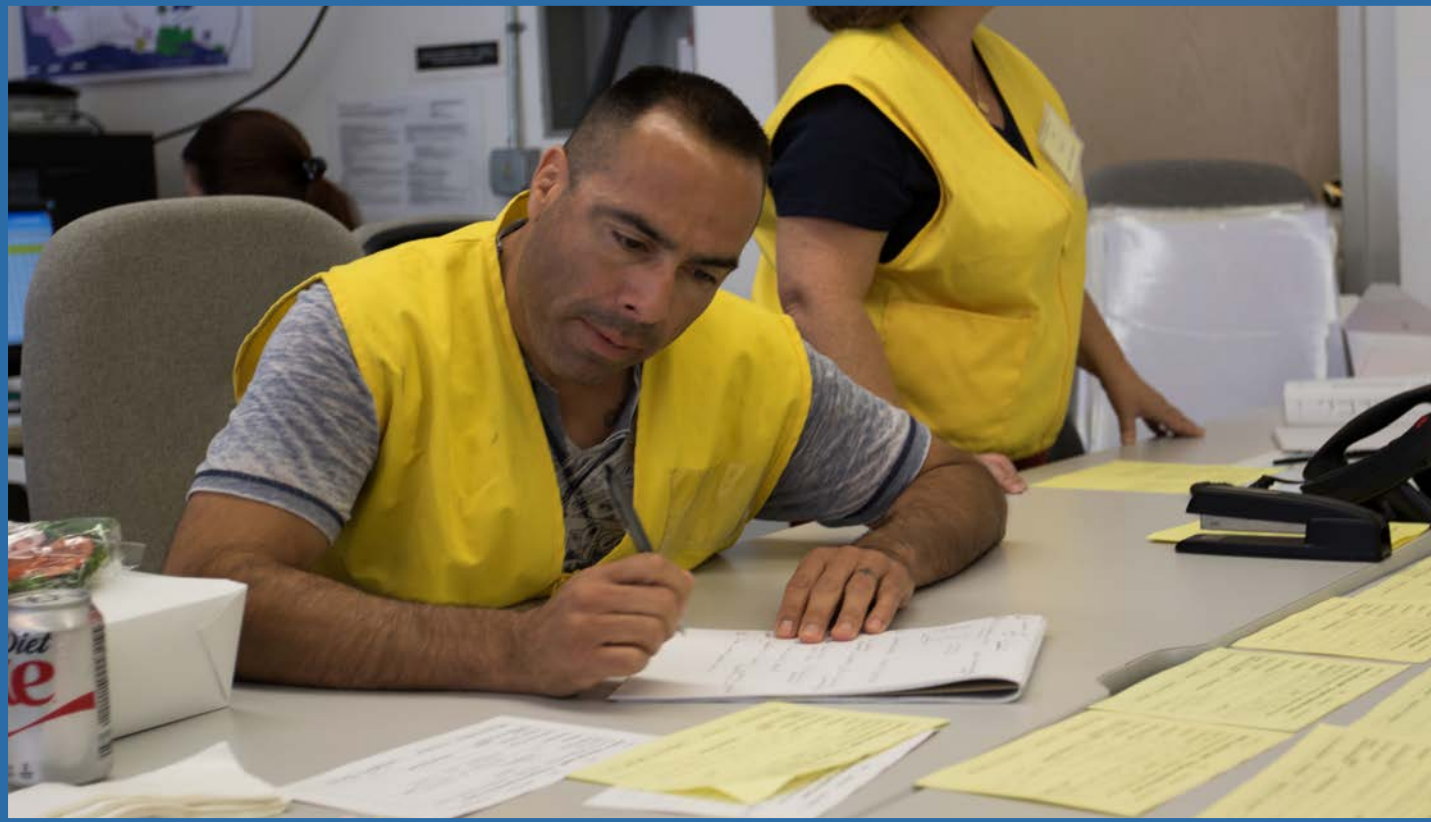


COURSES

- EOC Action Planning (G626) CA-007-COMM
- EOC Management and Operations (G775)
- Essential EOC Action Planning (G-626E) CA-007-COMM-1
- Essential Emergency Management Concepts: All Hazards - CA-040-RESP
- Essential EOC All Sections Positions Specific Training (LSEMSA-G611)
- Essential EOC Finance & Admin Section/Positions Specific Training (LSEMSF-G611)
- Essential EOC Logistics Section/Positions Specific Training (LSEMSL-G611)
- Essential EOC Management Section/Positions Specific Training (LSEMSM-G611)
- Essential EOC Operations Section/Positions Specific Training (LSEMSO-G611)
- Essential EOC Planning/Intel Section/Positions Specific Training (LSEMSP-G611)
- Essential EOC Water Sector Unit Leader (WSUL-G611)
- Homeland Security Exercise Evaluation Program (HSEEP) - L0146
- ICS/EOC Interface (G191)
- ICS/SEMS/NIMS Combined Course (SEMSNIMS) - CA-002-RESP
- Incident Command System 400 (ICS400)
- Incident Command System for executive staff (ICS 402)
- Integrating Access & Functional Needs Into Emergency Management (G197) - CA-056-RESP
- Intermediate ICS For Expanding Incidents (ICS300)
- Joint Information Center / Joint Information System (G291)
- Managing Sustained Operations (MSO) - CA-010-RESP
- Medical Health Operations Center Support Activities (MHOCSA) - CA-010-RESP
- Multi-Hazard Planning for Schools (G364) - DHS-093-RESP
- Planning For Needs of Children In Disasters (G366)
- Rapid Assessment Workshop (G557)
- SEMS Field Orientation Seminar (LSEMS)
- SEMS Introductory Course (G606)
- SEMS Executive Management Course (ICS 402 Included) (SEMSX) - CA-039-RESP
- Volunteers and Donations Management (G288)

*Course descriptions beginning page 35.





The Emergency Management Instructor Outreach (Program) was created to expand emergency management training for the California Governor’s Office of Emergency Services (Cal OES) Emergency Operations Center (EOC) Position Credentialing Type I, II and III. Since January 2015, over 100 emergency management outreach instructors have been State Certified. The primary emphasis of the program is to provide emergency response agencies with a cost effective method to train their trainers to deliver standard emergency management curriculum for state certification.

The Outreach Program establishes a single coordinated and standardized program of emergency management training courses. The use of standardized curriculum throughout the State of California will assist emergency managers at the local level to ensure personnel will be trained to the same common core standards and skills consistent with SEMS and NIMS.

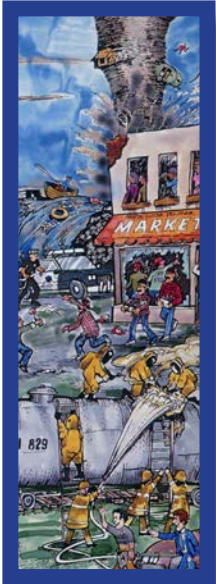
Available Courses Include:

- EOC Management and Operations (G775)
- ICS/EOC Interface (G191)
- ICS/SEMS/NIMS Combined Course (SEMSNIMS) - CA-002-RESP
- Essential EOC All Sections Positions Specific Training (LSEMSA) - G611
- Essential EOC Finance & Admin Section/Positions Specific Training (LSEMSF) - G611
- Essential EOC Logistics Section/Positions Specific Training (LSEMSL) - G611
- Essential EOC Management Section/Positions Specific Training (LSEMSM) - G611
- Essential EOC Operations Section/Positions Specific Training (LSEMSO) - G611
- Essential EOC Planning/Intel Section/Positions Specific Training (LSEMSP) - G611
- Essential EOC Water Sector Unit Leader (WSUL) - G611

Emergency Management Train the Trainer Courses Consists of:

- Emergency Management Instructor Enhancement (EMIE)
- EOC Section Position/Exercises TTT (EOCPOSXTT) - G611
- Essentials EOC Action Planning TTT (EOCAPTTT) - CA-007-COMM-1
- ICS/SEMS/NIMS Combined, G-775, G-191 TTT (SEMSTTT) - CA-003-RESP
- Medical Health Operations Center Support Activities TTT (MHOTTT) - CA-010-RESP-1

***Course descriptions beginning page 35.**



Criminal Justice Program

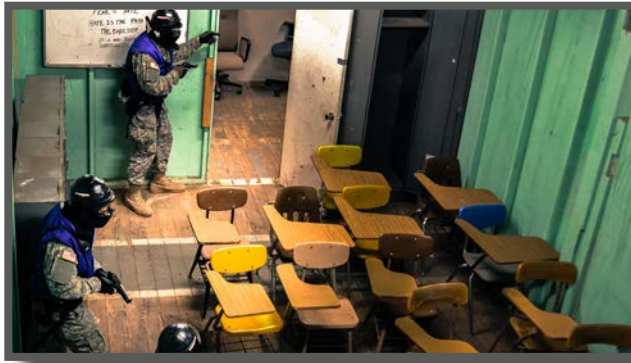


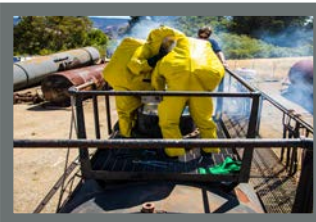


COURSES

- Officer Safety and Field Tactics (General) (OS) - CA-054-RESP-1
- OSFT Terrorism (OST) - CA-054-RESP
- Officer Safety Seminars (OSS)
- Terrorism I - International Terrorism (T1) - CA-005-PROT
- Terrorism II - Domestic Terrorism (T2) - CA-012-PREV
- Terrorism III - Advanced Counterterrorism Strategies (T3) - CA-013-PREV
- Terrorism Intelligence Analysis (TIA) - CA-018-PREV
- Terrorism Liaison Officer (TLO) - CA-011-PREV
- Terrorism Special Seminar (TSS)

*Course descriptions beginning page 35.





CSTI, in cooperation with Camp San Luis Obispo, provides the necessary personnel, equipment, and facilities to conduct training, logistical and administrative support for clients.

CSTI is a one stop organizational team building or extended training location. Our Camp San Luis facility is located on the central coast of California, nestled between the coastal range and the Pacific Ocean. The facility is equipped to enable classroom instruction and/or exercises of all sizes (including tactical ranges and a tactical warehouse). Overnight accommodations can be made in one of the billeting facilities or for larger group settings, the barracks. On site dining is available, at a nominal fee, for breakfast, lunch, and dinner. Off-site lodging and dining is conveniently located minutes away.

Training Facilities:

- 19 Classrooms: 25-120 capacity
- Auditorium: 804 capacity
- Computer Lab: 26 workstations - FEMA blue-box technology compatible
- Haz Mat Warehouse: lab training - 40 capacity
- Haz Mat Field Training Facility: rail cars and classroom - 40 capacity
- Live Fire Tactical Range: 10 Acres, 10 – 500 yard targets, allows for night shooting
- Tactical Warehouse: 9,325 sq. ft. building utilized for use of air soft simunitions
- High-speed internet and WiFi
- Ropes, confidence and leadership reaction courses

Billeting 132 Beds:

- Jack and Jill Rooms
- Single and Double Rooms
- Houses
- Apartment and Hotel Style rooms
- Apartment Buildings
- Hotel Style Buildings



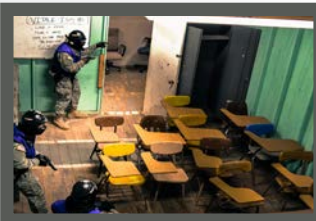
Barracks 734 Beds:

- Four Open Bay: 584 beds • Three Open Bay: 150 beds

Dining Facility 300 Capacity:

- Breakfast • Lunch • Dinner





James Massey Tactical Range

The Massey Range is a 10 acre live fire range. The targets can range in distances from 10 yards to 500 yards and are a combination of paper targets for close range and steel targets for longer ranges. This range is divided into 9 sections for training multiple teams simultaneously. The range includes state of the art computer driven steel pop up targets to promote focus on accuracy and quick decision making in live fire situations. In addition, moving targets are also available for live fire use. The range allows for night shooting, facilitating use of flashlights with live fire. The Massey Range will accommodate all handguns, shotguns and patrol rifles.

Tactical Warehouse

This is a 9,325 square foot building, which has been dedicated to tactical training, utilizing "Air soft," "Simunitions," or non-firing training weapons. The tactical warehouse includes many rooms which can be utilized as offices, residences, schools, or other areas that can be easily configured for specific training needs.

The walls of the inside structure are moveable, to allow for quick re-configuration. Catwalks are located throughout the building to allow a top view of the training. These catwalks can be used for safety officers, observers, or for video-taping purposes. The building is equipped with light and sound equipment that can be adjusted as needed.





CSTI's Hazardous Materials Field Training Site is equipped to demonstrate a variety of hazardous materials problems encountered in the field.

The main site includes a rail car with five different rail domes plumbed with air, water and liquid nitrogen to simulate real leaks, a thirteen rail car derailment with functional leaks and a complex pipe tree room.

Other equipment available for training needs are multiple cylinders including: 150 lb and 1 ton containers plumbed with leaks, a variety of highway cargo tanks with leaks, an overturned MC 306 gasoline tanker, set up for stinger operations, intermediate size tanks found at fixed facilities and a wide

variety of miscellaneous drums and cylinders.

The site also includes a technical reference room and a new classroom that can be used for formal training as well as for breakout sessions during "live" training scenarios.

Most importantly, this site allows for a wide variety of hazardous material problems encountered in the field designed to leak at actual field pressures.

CSTI's acquisition of the "Sierra" training site next door allows for multiple hazardous materials scenarios to be performed at the "Sierra" site as well as in conjunction with the main site during Hazardous Materials Technician, Specialist, and Railcar Safety classes.

CSTI is placing a 48' mobile hazardous materials training trailer at the site that is a fully self-sufficient hazardous materials training device, designed to expose trainees to the situations encountered by hazardous materials response personnel.



The build-out of CSTI's new Emergency Operations Center (EOC) is well underway. When the 3500 ± square foot facility is completed, it will serve as a training venue and demonstration site for emergency management classes. It was also designed as a continuity facility, capable of operating as a Regional EOC for CalOES.

The EOC contains a multi-use room that can serve as a classroom for 75 when it is not configured to house the Operations and Planning and Intelligence Sections. Separate rooms house the Logistics and Finance and Administration Sections: A conference room , a simulation cell room and multi-media studio complete the facility.

Projection systems and electronics power the many displays. A new break room adjacent to the Operations room will serve students and staff from the EOC and other areas of the campus.



Hazardous Materials Courses

Advanced Environmental Crimes Training Program (AECTP): This course is open to California governmental regulators and investigators who have attended the prerequisite CSTI Hazardous Materials Investigations course, or the California Environmental Protection Agency (EPA) Basic Inspector Academy. This course is a joint instructional effort with U.S. EPA Criminal Investigation Division, and scholarships are available through the California Hazardous Materials Investigators Association (CHMIA). Enrollment and scholarship eligibility is coordinated through CSTI, local environmental crimes prosecutors’ offices, and CHMIA.

Computer-Aided Management of Emergency Operations (CAMEO) - PER-229: This course trains participants to learn how to use the CAMEO software suite. It consists of four core programs: CAMEO, CAMEO Chemicals, ALOHA, and MARPLOT. Class participants will engage in hands-on activities based on actual incidents to learn how to use the software.

First Responder Awareness (FRA) - CA-016-RESP: This course trains first responders at the awareness level to identify a potential hazardous materials release, take safe actions, and then make proper notifications.

First Responder Operations (FRO) - CA-017-RESP: This course trains first responders at the awareness level to respond in a defensive manner to releases, or potential releases of hazardous substances as part of an initial response. This content focuses on tactics a responder can use to protect persons, the environment, and property from the effects of a hazardous materials release.

First Responder Operations Decon (FROD) - CA-023-RESP: This course is designed to train First Responder Operations level personnel to perform technical decontamination during a response to a hazardous materials incident.

Field Identification of Unknown Materials (FIUM): This course provides refresher training to responders in the use of field identification systems. Class participants will perform qualitative and quantitative tests to identify a variety of unknown materials and assess their hazards. The course content consists of a series of practical, hands-on exercises using either the Heinz 5 – Step™ or the HazCat™ system.

Haz Mat Incident Commander Refresher (HICR): This course meets the requirements for annual refresher training at the Hazardous Materials Incident Commander level.

Haz Mat Investigations (HMI): This course is designed for government officials who respond to, and investigate, hazardous materials incidents related to environmental crimes, document their findings, and follow through on the results of their investigations. It emphasizes a multi-agency, multidisciplinary task force approach. This program is presented in cooperation with the California Hazardous Materials Investigator’s Association (CHMIA).

Haz Mat Technical Reference Specialist (HTREF): This course uses in-class activities, hands-on use of applicable equipment and both tabletop and functional exercises to train responders to assume the duties of an Incident Command System (ICS) Hazardous Materials Technical Reference Specialist in a hazardous materials response.

Haz Mat Technician/Specialist Refresher (HTECR): This course provides a review of critical issues for hazardous materials emergency response training. In addition to updates on new technologies and guidelines, the object of this refresher class is to: update skills, gain knowledge and to maintain competency as a Hazardous Materials Technician/ Specialist first responder. Prerequisite: Technician (A-D) or Specialist (F-G) Course.

Haz Mat Technician For Private Industry (HMTPI): This course is designed to help employers train employees to the Hazardous Materials Technician level to carry out responses in a specific workplace. This course prepares employees to respond to hazardous materials incidents within their workplace for the purpose of stopping a release.

Haz Mat Technician Level: Modules A-D - CA-012-RESP - CA-013-RESP: This course is a 160-hour program (given over nonconsecutive training weeks) designed to provide: requisite knowledge, fundamentals of chemistry and monitoring, and manipulative training, to prepare trainees for duty on a Hazardous Materials Response Team. Open to fire service, law enforcement, health, environmental and specific private industry personnel, this course includes class, didactic, and hands-on training in real-world scenario-based experiences. Pre-requisite: First Responder Operations (FRO)

(A-D) Module Descriptions.

Haz Mat Technician Module “A” (HTA) - CA-12-RESP: Begins the process of the Technician program. It is an intense, one-week overview of Basic Chemistry, and how that chemistry affects the hazardous materials response. The Periodic Table of the Elements forms the foundation for this educational and instructive program. Lecture only - 40 Hours.

Haz Mat Technician Module “B” (HTB) - CA-12-RESP: Amplifies the basic chemistry week with an introduction to Monitoring/Measuring devices, Technical-Referencing, Wet Chemistry, and Toxicology. This classes didactic, and hands-on module serves to instruct participants in the nuances of behind-the-front-line operations at a hazardous materials event. 40 Hours.

Haz Mat Technician Module “C” (HTC) - CA-13-RESP: Is ‘warm-up’ for full field operations. Topics including ICS, Medical Monitoring, and Weather are augmented by practical hands-on training.

Course Descriptions

Haz Mat Technician Module “D” (HTD) - CA-13-RESP: Concludes the Technician series with classroom topics including Terrorism, Damage Assessment, Legal Framework, Regulations, and Offensive Control of Hazardous Materials Incidents.

Haz Mat Assistant Safety Officer (HASO) CA-006-PROT: This course concentrates on safe hazardous materials incident operations critical to response and containment. Students will begin by assessing the incident as a “big picture”, and learn to maintain site safety and control. The ASO course is designed to meet the training needs of the Assistant Safety Officer position in the Incident Command System.

Haz Mat Incident Commander 16 (HINCC) - CA-037-RESP: This course provides the tools a person needs to assume control of an emergency response to a hazardous materials incident.

Haz Mat Instructor Certification (HINSTC): This course trains participants to be a course manager for state-certified Hazardous Materials training courses. It will also certify law enforcement personnel to teach Learning Domain 41 in a POST basic academy. Participants will receive training in adult education, delivery methods and experiential training techniques.

Haz Mat Instructor Certification for Trainers (HINSTT) - CA-027-RESP: This course trains participants to be a course manager for a CSTI-certified hazmat course. The content of the course focuses on CSTI policies involved in teaching a CSTI-certified course. Prior training experience is a prerequisite.

Hospital First Receiver: Awareness, Operations and Decon (HOSFR) - CA-018-RESP: This course covers the first receiver operations requirements for hospital personnel who receive patients at a medical facility and respond in a defensive fashion. This course will cover both internal and external incidents. Hospitals may receive patients from hazardous materials, chemical, biological, radiological, nuclear, and explosives events that have not been decontaminated because they left the scene prior to the arrival of emergency responders. This course will cover both directed self-decontamination as well as hospital decontamination teams.

Rail Car Safety (HRS): This course provides participants theoretical and practical application of hazardous materials safety techniques and practices required when responding to rail car incidents. Classroom discussion will be combined with hands-on exercises at CSTI’s rail car derailment site or a CSTI certified training site.

Specialist Level: Modules F-G - CA-014-RESP: This course consists of two one-week modules that provide the highest level of training competency available for Hazardous Materials Team members. Participants have the opportunity to train at Cal OES/CSTI’s Hazardous Materials Field Exercise Facility, containing extensive props, or a CSTI Certified site using the off-site mobile training trailer. Training includes advanced chemical identification, repair techniques for cargo tanks and railcars, and extensive scenarios to hone the participant’s response skills. Pre-requisite: Haz Mat Technician (Levels A-D).

(F-G) Module Descriptions.

Haz Mat Specialist Module “F”- (HSF) - CA-014-RESP: Studies include, Introduction to Field “ID” of Hazardous Materials, Demonstration of Field “ID” of Hazardous Materials as well as Field Identification of Chemical Unknowns Lab, Basic, and Intermediate. This is all hands on for the students as they work with the instructors through the procedures for identifying unknown hazardous materials / chemicals in a lab and field settings. Rail Car Assessment, Rail Car repair tools, equipment for General Service, Chlorine, Pressure, Acid, New Midland Dome Repair kits, Midland dome configuration and valves, MC 306/DOT 406 Stinger Operations, and Air Monitoring are also covered in the “F” module schedule. 40 Hours

Haz Mat Specialist Module “G”- (HSG) CA-014-RESP: Consists of various scenarios that are conducted to challenge the students from both an ICS management position, and a hands-on offensive control / decontamination team position. All the student’s training from A-D module and “F” module will be challenged from a classroom setting to field a hands-on scenarios. 40 Hours.

Mass Casualty Decontamination (MSD): This training course has been developed to address some of the problems that are encountered in the process of decontaminating a large number of persons believed to have been exposed to a variety of chemical, biological and radiological materials. This course will look at the many options for first responders and Hazmat teams to effectively prepare a plan and execute that plan to decontaminate large amounts of people.

Terrorism Response for the Technician and Specialist (TRTS): This course trains certified technicians and specialists in the intricacies of terrorism and potential weapons that might be encountered in a terrorist attack. Using updates, current events, augments by specialists from bomb squads, clandestine laboratory responders, and other currently serving professionals, this class improves awareness and operational capabilities, increases knowledge and improves competencies in the field. Prerequisite: Technician A-D and/or Specialist F-G

Emergency Management Courses

Advanced ICS: Command and General Staff - Complex Incidents (ICS 400): (pre-req ICS 100, 200, 300)
All Federal/State/Local/Tribal/Private Sector & Nongovernmental personnel should take ICS-400, including: Persons who will serve as command or general staff in an ICS organization, select department heads with multi-agency coordination system responsibilities, area commanders.

Course Descriptions

Advanced Public Information Officer (L0388): The course provides participants the knowledge and skills to establish, manage, and work within a joint information center. The training will allow students to develop the skills to coordinate a message once developed and to modify it if problems or sources of confusion arise. It discusses techniques to develop strategic messaging in support of incident action plans and managing joint information centers, including personnel and stress. The course uses exercises as well as lectures to achieve objectives.

Basic Public Information Officer (G290) - DHS-011-RESP: This course is the first in a three-part series of Public Information Officer Basic training. The course is designed for people who work with the media in times of crisis and day-to-day media relations. The program emphasizes the importance of developing a Public Information Officer (PIO) team, communications skills, leadership and working in a Joint Information Center using Joint Information Systems.

Community Mass Care and Emergency Assistance Services (G108): Prepares jurisdictions to manage Mass Care and Emergency Assistance functions effectively and work together to plan and provide Mass Care and Emergency Assistance. Provides jurisdictions with an understanding of roles and responsibilities for local, OA, Region, State Level Shelter and feeding resource requirements; distribution of emergency supplies, resource requirements and providers, Reunification resource requirements and providers, and planning and operational actions.

Disaster Mitigation (G393): This course provides resources for mitigation activities fundamental to reduce and eliminate long-term hazard risks. Participants will understand their roles and responsibilities to develop and implement a mitigation strategy to reduce the impact of disasters.

Disaster Recovery (G270.4): This course focuses on various programs related to recovery after a disaster. Content also includes the Recovery Planning process.

Emergency Management for Business and Industry (EMBI): This course focuses on the continuity of operations for businesses after a disaster or emergency. Development of plans and procedures for business mitigation and resumption will be reviewed.

Emergency Planning (G235): This course focuses on emergency operation plans, the format, and process to develop plans and how to evaluate the plan's effectiveness. Content includes the Comprehensive Planning Guide (CPG 101) and THIRA (CPG 201)

Enhanced Exercise Design, Conduct, and Evaluation (EEDCE) CA-017-PREV: This course focuses on the steps to design, conduct, and evaluate a discussion based and operations-based exercise. The training provides best practices as it relates to exercise design and development of an exercise design team using the guidance and



principles of Homeland Security Exercise and Evaluation Program (HSEEP). The competencies and federal certification of the HSEEP L-146 course is a part of this course.

EOC Action Planning (G626) CA-007-COMM: This course focuses on and Emergency Operations Center's action planning process. Participants learn what the action plan contains and the process to develop an action plan. Content includes what each SEMS Section contributes to develop the action plan and each participant's role.

EOC Management and Operations (G775): This course focuses on EOC Management and Operations. Content includes Multiagency Coordination, EOC Design, How to Staff, Activate and Deactivate an EOC.

EOC Section/Position Specific Training: The series of five training modules focuses on key Emergency Operations Center (EOC) positions within Management, Operations, Planning & Intelligence, Logistics, and Finance and Administration Sections. Each course will define:

- What each EOC Section does
- How each section interacts with each other
- Detailed position descriptions
- Functions of the section/positions within the EOC
- Table-Top Exercise to apply section/position concepts

Essential EOC All Sections Positions Specific Training (LSEMSA) - G611: This training module focuses on key Emergency Operations Center (EOC) positions within the Management, Operations, Planning & Intel, Logistics, & Finance & Admin Sections based on the state OES EOC Section/Position credentialing document.

Essential EOC Finance & Admin Section/Positions Specific Training (LSEMSF) - G611: This training module focuses on key Emergency Operations Center (EOC) positions within the Finance & Admin Section based on the state OES EOC Section/Position credentialing document.

Essential EOC Logistics Section/Positions Specific Training (LSEMSL) - G611: This training module focuses on key Emergency Operations Center (EOC) positions within the Logistics Section based on the state OES EOC Section/Position credentialing document.

Essential EOC Management Section/Positions Specific Training (LSEMSM) - G611: This training module focuses on key Emergency Operations Center (EOC) positions within the Management Section based on the state OES EOC Section/Position credentialing document.

Course Descriptions

Essential EOC Operations Section/Positions Specific Training (LSEMSO) - G611: This training module focuses on key Emergency Operations Center (EOC) positions within the Operations Section based on the state OES EOC Section/Position credentialing document.

Essential EOC Planning/Intel Section/Positions Specific Training (LSEMSP) - G611: This training module focuses on key Emergency Operations Center (EOC) positions within the Planning and Intel Section based on the state OES EOC Section/Position credentialing document.

Essential EOC Water Sector Unit Leader (WSUL) - G611: This course is intended to train a cadre of utility staff who can represent the water/wastewater sector at emergency operations centers. Key regulatory and OES staff at all levels will find this course valuable where the water sector is a key aspect of response efforts. The demands of coordinating the specialized repair and recovery of water sector systems and coordinating the acquisition and delivery of potable water in mass quantity are beyond the understanding of most emergency responders without technical expertise in water sector utilities. Training utility and emergency management staff on the Water Sector Specific Position is critical to help integrate this position within the SEMS structure at all levels of response.

Essential Emergency Management Concepts: All Hazards (E) - CA-040-RESP: Using a variety of hazard scenarios and employing a series of progressive exercises, this course introduces participants to key emergency management principles and practices to build participants' capabilities to operate effectively within a local, regional or state Emergency Operations Center (EOC). Course content includes California's SEMS Introductory Course and Essential EOC Section/Position Training, providing individual certification toward California's new EOC credentialing program. This course is also offered as a jurisdiction or area-specific course, customized to local hazards, plans and resources.

Essential EOC Action Planning (G-626E) CA-007-COMM-1: Similar to the EOC Action Planning course but truncated, this course focuses on the fundamentals of the EOC Action Planning process.

Homeland Security Exercise And Evaluation Program (HSEEP) - L0146: The HSEEP is an intermediate-level course that provides a comprehensive overview of exercise design along with practical skill development in accordance with the HSEEP Doctrine. The course uses activities that will give participants an opportunity to interact with many of the templates and other materials that are provided by the National Exercise Division to ensure exercises are conducted in a consistent manner.

ICS/EOC Interface (G191): This course provides participants with an understanding of ICS/EOC interface. Content includes an overview of ICS and MACS, and a practical exercise to discuss, apply, and validate workshop concepts and ideas for effective ICS and EOC interface.

ICS/SEMS/NIMS Combined Course (SEMSNIMS) - CA-002-RESP: This course includes content and objectives from ICS 100. SEMS Introduction, NIMS IS-700, IS-701, IS-706 and IS-800 which is the foundation of EOC Position Credentialing.



Incident Command System for executive staff (ICS 402): This course covers ICS, SEMS, and NIMS for executive staff, including elements of basic ICS for Executives.

Integrating Access & Functional Needs Into Emergency Management (G197) - CA-056-RESP: This course is intended to provide Emergency Managers/Responders with the skills and knowledge to plan, prepare, respond, and recover for those who have Disabilities and Access and Functional Needs during a disaster.

Intermediate ICS For Expanding Incidents (ICS300): (Pre-Req ICS 100 and 200) All Mid-level Management Federal/State/Local/Tribal/Private Sector & Nongovernmental personnel to include should take ICS-300, including: Persons serving as command staff, section chiefs, strike team leaders, task force leaders, unit leaders, division/group supervisors, branch directors, and multi-agency coordination system/emergency operations center staff.

Joint Information Center / Joint Information System (G291): This is a one-day course designed to equip Public Information Officers (PIOs) to establish and operate in a Joint Information System/Center (JIS/JIC). The builds on the solo PIO competencies gained in the Basic PIO courses and applies those skills in an expanding incident. Participants will gain a working knowledge of operational practices to perform PIO duties within the NIMS multiagency coordination system. The course demonstrates how JIC concepts are applied in a flexible and scalable manner at the local level.

Managing Sustained Operations (MSO)- CA-010-RESP: This course is intended to assist jurisdictions in planning for and managing an extended response to and recovery from disasters/emergencies. Issues dealing with personnel, short/long term housing, debris management, mass care, restoration of infrastructure, and long term-recovery will be discussed.

Medical Health Operations Center Support Activities (MHOCSA) - CA-010-RESP: Medical Health Operations Center Support Activities (MHOCSA) - CA-010-RESP: This course trains medical personnel to become an effective team member in performing basic medical health disaster roles and responsibilities in an Emergency Operations Center (EOC), or Departmental Operations Center (DOC), per the Standardized Emergency Management System (SEMS) and the California Public Health and Medical Emergency Operations Manual.

Multi-Hazard Planning for Schools (G364) - DHS-093-RESP: This course assists emergency planners, risk managers, school site personnel and response personnel from school districts (public and private), local law enforcement and emergency management organizations to plan for disasters/emergencies (including acts of violence). The whole community planning concept is introduced as a way to leverage resources.

Planning For Needs of Children In Disasters (G366): The purpose of this course is to provide guidance for Emergency Managers and implementers of children's programs about meeting the unique needs that arise among children as a result of a disaster or emergency.

Course Descriptions

Rapid Assessment Workshop (G557): This course focuses on plans and procedures for responding to the initial four hours of a disaster. Content includes pre-event planning, intelligence gathering, and situational awareness distribution.

SEMS Executive Management Course (ICS 402 Included) (SEMSX) - CA-039-RESP: This course covers SEMS and NIMS for management staff

SEMS Field Orientation Seminar (LSEMS): This seminar focuses on the components of SEMS as they relate to local government, non-profits, volunteer organizations, and private industry and how they relate to disaster/emergency operations.

SEMS Introductory Course (G606): This course provides a comprehensive discussion of the components of SEMS and its uses in California. It focuses on mutual aid, inter-agency coordination, the operational area concept, and how the five levels of government communicate, interact and share resources.

Volunteers and Donations Management (G288): This course provides strategies for managing volunteers, donations and cash before, during, and after a disaster. Content also includes how to identify resources for volunteers and donations management.

Emergency Management Train-the-Trainer Courses

CSTI now certifies “Outreach Instructors” to teach specific emergency management courses to assist in the process of meeting federal NIMS training requirements and Cal OES EOC Position Credentialing. Courses include:

- Emergency Management Instructor Enhancement
- EOC Section Position/Exercises TTT
- Essentials EOC Action Planning TTT
- ICS/SEMS/NIMS Combined, G-775, G-191 TTT
- Medical Health Operations Center Support Activities TTT

Emergency Management Instructor Enhancement (EMIE):
To become certified to teach one of the CSTI Emergency Management “Outreach” Courses you must take this one day Instructor Enhancement Course.

EOC Section Position/Exercises TTT (EOCXTTT) - G611: This course is intended to state certify instructors so they can offer the CSTI/Cal OES approved EOC Section Position Courses and Exercises. Once the instructor is certified as an Outreach Instructor, he/she will be able to request state certification from CSTI/Cal OES for the students attending the “Outreach” course/exercises.



Essentials EOC Action Planning TTT (EOCAPTTT) - CA-007-COMM-1: This course is intended to state certify instructors so they can offer the CSTI/Cal OES approved Essentials of Action Planning Course. Once the instructor is certified as an Outreach Instructor, he/she will be able to request state certification from CSTI/Cal OES for the students attending the “Outreach” Essentials of Action Planning Course.

ICS/SEMS/NIMS Combined, G775, G191 TTT (SEM SCTTT) - CA-003-RESP: This course is intended to state certify instructors so they can offer the CSTI/Cal OES approved SEMS/NIMS Combined, EOC Operations G-775, and ICS/EOC Interface Workshop G-191 Courses. Once the instructor is certified as an Outreach Instructor, he/she will be able to request state certification from CSTI/Cal OES for the students attending the “Outreach” course.

Medical Health Operations Center Support Activities TTT (MHOTTT) - CA-010-RESP-1: This course is intended to state certify instructors so they can offer the CSTI/Cal OES approved Medical Health Operations Center Support Activities course. Once the instructor is certified as an Outreach Instructor, he/she will be able to request state certification from CSTI/Cal OES for the students attending the “Outreach” Medical Health Operations Center Support Activities course.

Criminal Justice Courses

Officer Safety and Field Tactics (General) (OS) - CA-054-RESP-1: This course is designed for experienced officers and first line supervisors. This course will enhance and reinforce the individual officer’s safety and survival skills, leading to better tactical effectiveness and safer responses to field situations.

OSFT Terrorism (OST) - CA-054-RESP: This course is designed to provide front-line law enforcement officers and supervisors with the knowledge, skills, and tactics to maximize their safety and effectiveness relating to terrorist interdiction and incident response. The course employs active training techniques using adult learning methodologies, built around in-class practical application and in-field problem-solving experiences.

Officer Safety Seminars (OSS): This course is designed to provide the flexibility of customizing the curriculum to the specific needs of the requesting region or agency. The customized content can focus on specific tactical skills, such as building entry and search, arrest and control, firearm proficiency, force-on-force scenario training, night operations, active shooter, response to terrorism, de-escalation of force, and other contemporary topics relating to officer safety. Depending on the topics selected, this course can be delivered in either a one-day, two-day, or three-day format. CSTI’s training assets include a 500-yard tactical shooting range, tactical warehouse with numerous interchangeable interior configurations, IR training, access to a MOUT House and other outdoor training scenario areas.

Terrorism I - International Terrorism (T1) - CA-005-PROT: Concentrates on understanding the various aspects of international and transnational terrorism, homegrown violent extremism, and developing effective strategies to counter the threat posed by contemporary international terrorists operating against, or within, the United States.

Terrorism II - Domestic Terrorism (T2) - CA-012-PREV: Focuses on understanding the various aspects of domestic terrorism and extremism and developing effective strategies to counter the threat posed by contemporary domestic terrorists and extremists operating within the United States.

Terrorism III - Advanced Counterterrorism Strategies (T3) - CA-013-PREV: This course offers strategies for graduates of Terrorism I and Terrorism II and applies the knowledge, skills and resources obtained in those courses to develop counterterrorism strategies in a simulated war game which compares and contrasts one team's pro-active force protection methods against a dedicated adversary's attack plan.

Terrorism Intelligence Analysis (TIA) - CA-018-PREV: This course is designed for both collectors and consumers of intelligence, as well as newly assigned terrorism intelligence analysts and terrorism liaison officers (TLO). While the course provides the basics of criminal intelligence analysis methodology, the information is presented within the framework of intelligence as it relates to terrorist activity.

Terrorism Liaison Officer (TLO) - CA-011-PREV: This is a 24-hour course designed to support the anticipated duties and responsibilities for the Terrorism Liaison Officer (TLO). It addresses some of the problems uncovered after the attack of September 11, 2001 concerning the collection, sharing, and dissemination of information and intelligence to help prevent another such attack. Program components include The Terrorist Threat, Fourth Generation Warfare, International and Domestic Terrorism, Understanding Militant Islam, Intelligence and Operational Security. The course also provides the TLO with information with regard to resources that will allow the TLO to maintain his/her expertise and knowledge with regard to terrorism and related issues.

Terrorism Special Seminar (TSS): This unique course is designed to provide the flexibility of customizing the curriculum to the specific needs of the requesting region or agency. The customized content can focus on particular aspects of international and domestic terrorism, terrorist tradecraft, intelligence relating to terrorist activities and any other contemporary topics impacting the requesting agency's AOR. Depending on the topics selected, this course can be delivered in either a one-day or two-day format.

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